



PRECISION ADAPTERS

MPC14 (GR900)

Description

Maury produces a comprehensive line of MPC14 connector to other connector type adapters. The Maury MPC14 connector is a precision 14mm connector that is essentially equivalent to, and mating compatible with, GR900 type connectors. It incorporates an improved Hex/Knurl Coupling Nut and an improved center conductor inner contact (Model 2481A). The coupling nut has a 1.00 inch hex portion for accurate tightening with a torque wrench and a knurled portion which provides a positive grip for finger tightening. By torquing the coupled junction, measurement repeatability and accuracy are greatly enhanced.

Adapters are offered to precision type N female and male, 7mm, 3.5mm female and male, and 7-16 female and male connectors. All adapters feature low VSWR and insertion loss. All models are 100% tested and are provided with VNA calibration to 8.5 GHz.

Specifications

Frequency Range DC to 8.5 GHz¹
 VSWR See chart
 Impedance 50 ohms
 Connectors See chart

| Model | Connector | VSWR (GHz) | Mechanical Overall Length (inches) |
|--------|---------------------------|----------------|------------------------------------|
| 2406C1 | N female ² | 1.006 + .006f | 2.36 |
| 2406D1 | N male ² | 1.005 + .005f | 2.11 |
| 2607A1 | 7mm | 1.004 + .004f | 2.01 |
| 2407A1 | 3.5mm female ³ | 1.020 + .008f | 2.06 |
| 2407B1 | 3.5mm male ³ | 1.020 + .008f | 2.19 |
| 2709A | 7-16 female ⁴ | 1.02, DC - 7.5 | 2.25 |
| 2709B | 7-16 male ⁴ | 1.02, DC - 7.5 | 2.25 |



Model 2406C1



Model 2406D1



Model 2407A1



Model 2407B1



Model 2607A1



Model 2709A

Notes

- Models 2709A/B are rated to 7.5 GHz.
- Models 2406C1/D1 are the same electrical length.
- Models 2407A1/B1 are the same electrical length.
- Models 2709A/B are the same electrical length.